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100

MODULAR
INTERFACE

100BaseT
T1/E1
ETC.

101
USER
INTERFACE

102
AIR-INTERFACE
MAC

104
MODEM

DATA
TRANSMIT
CONTROL

103
SYSTEM
CONTROLLER

RADIO SYNC.
RADIO CONTROL
& MONITORING
RADIO DC POWER

105
UP/DOWN
CONVERTER

107
MILLIMETER
WAVE
FRONT-END

ANTENNA

106
SYNTHESIZER

FIGURE 1

111



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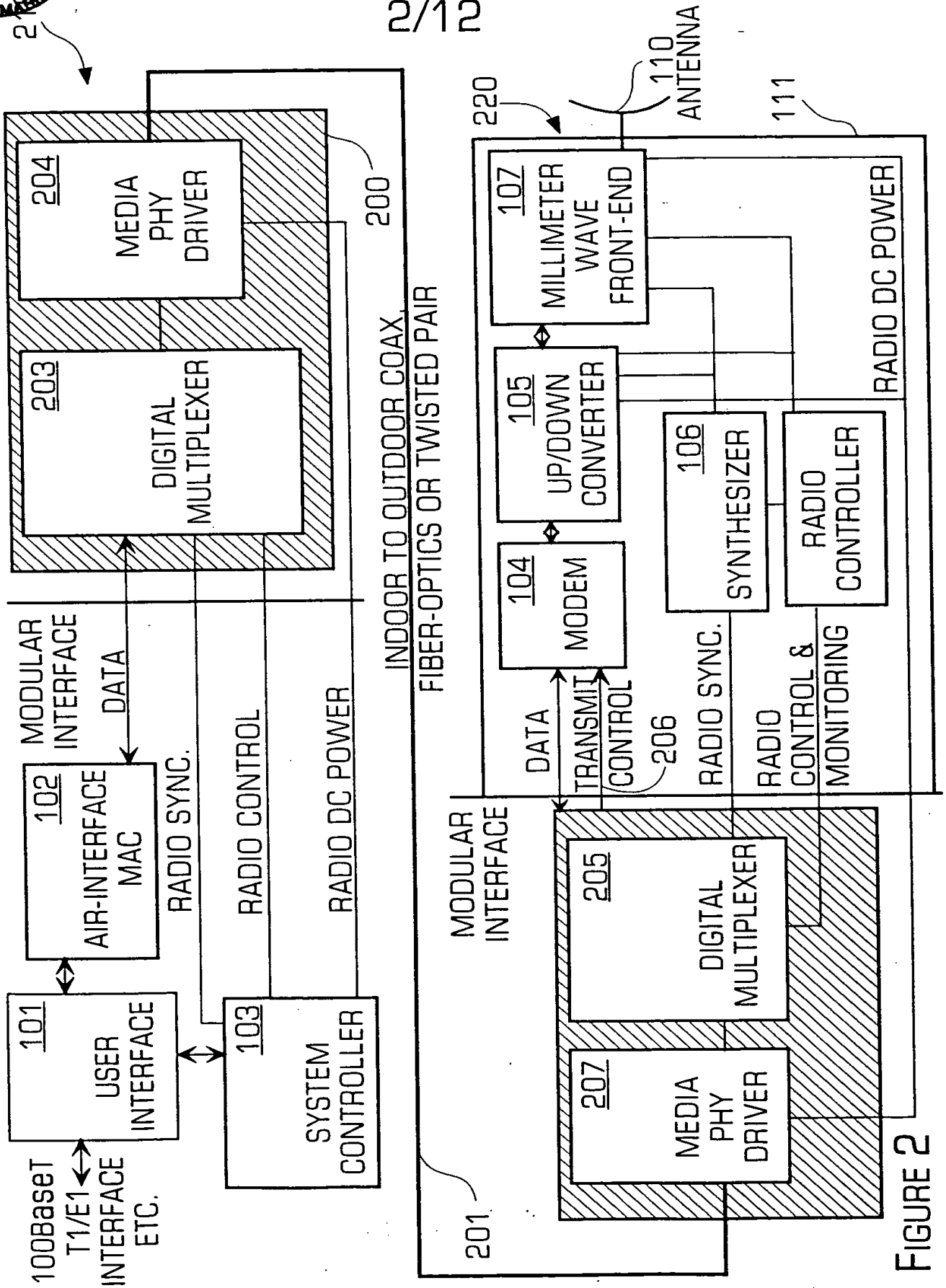


FIGURE 2

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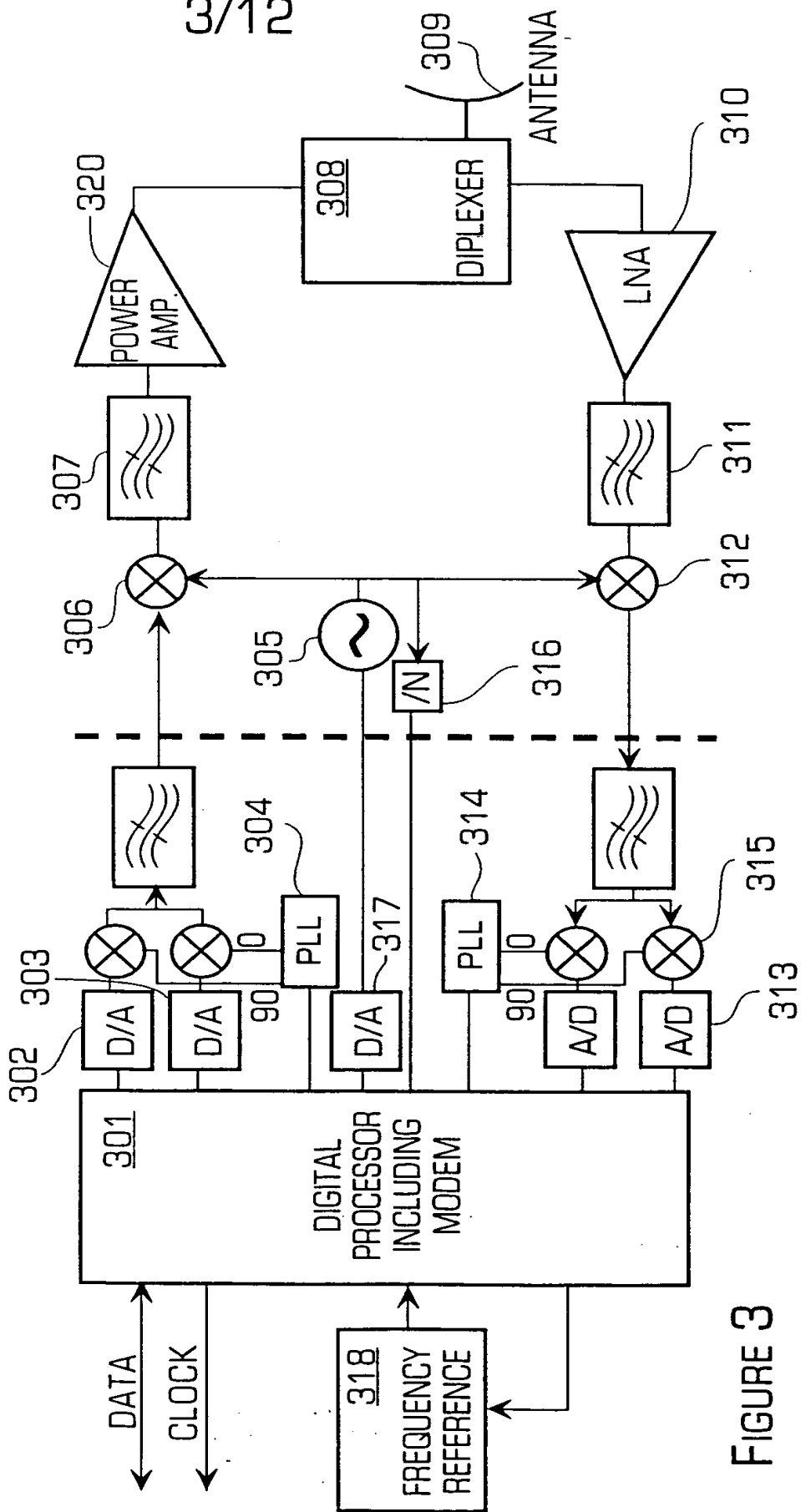
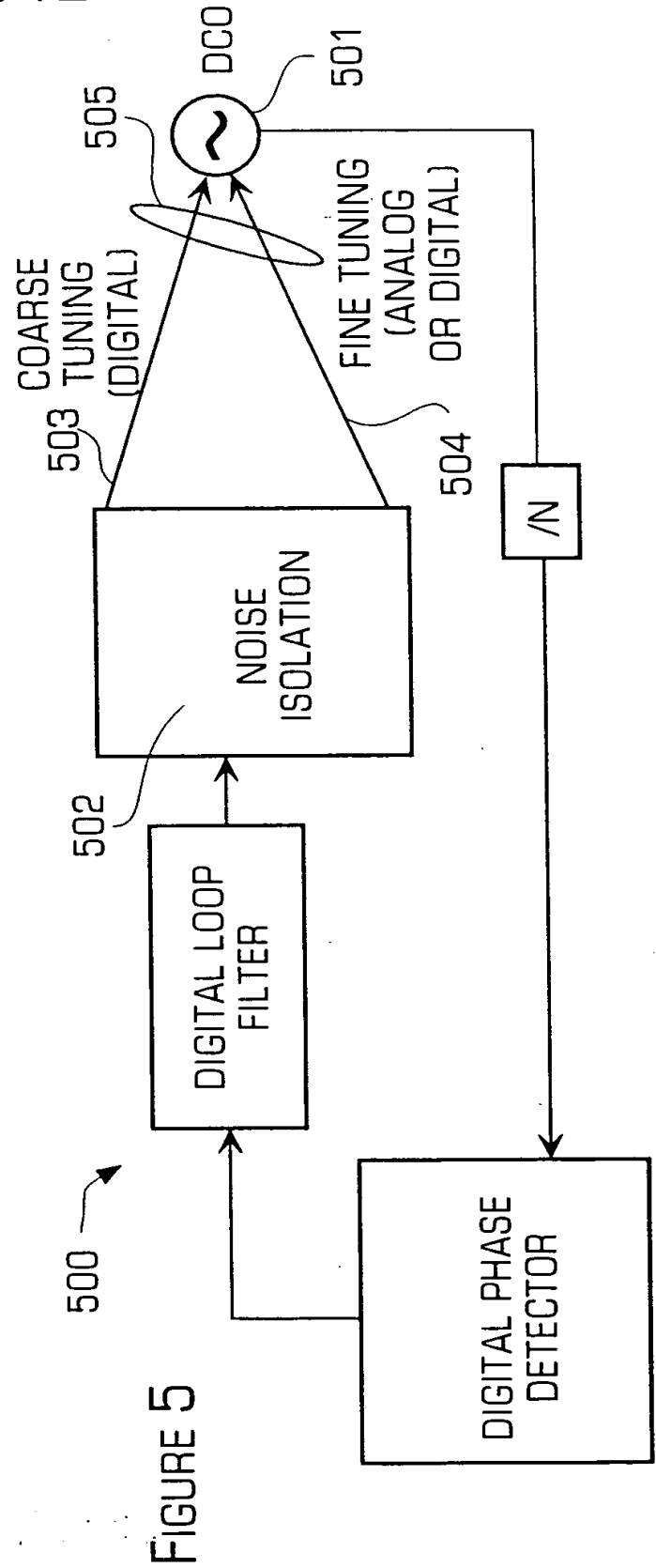
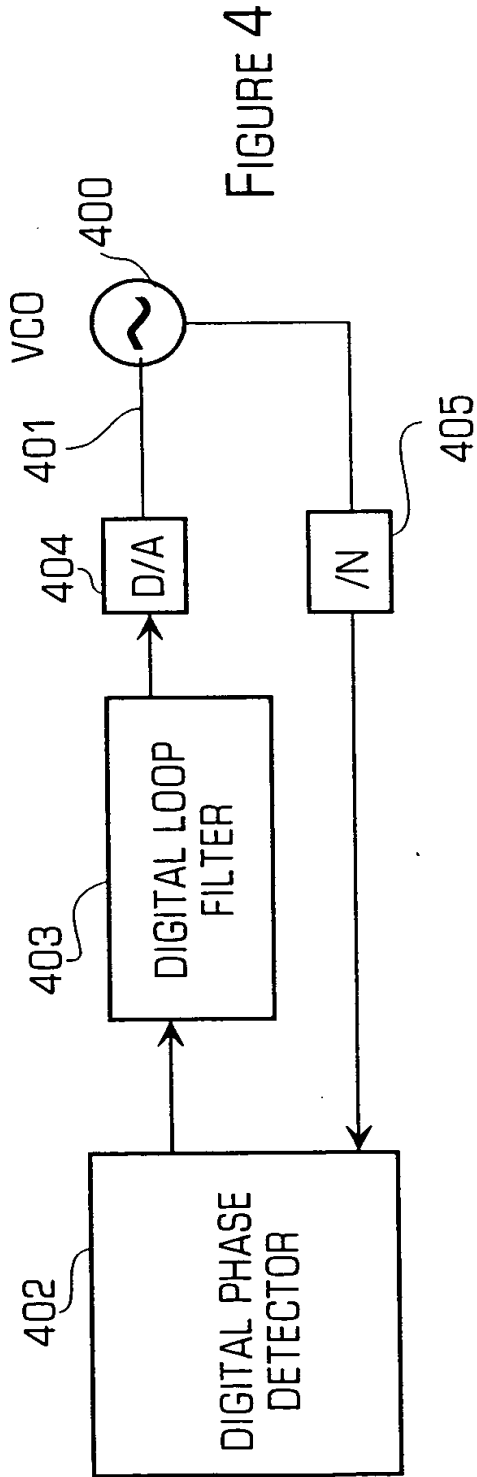


FIGURE 3



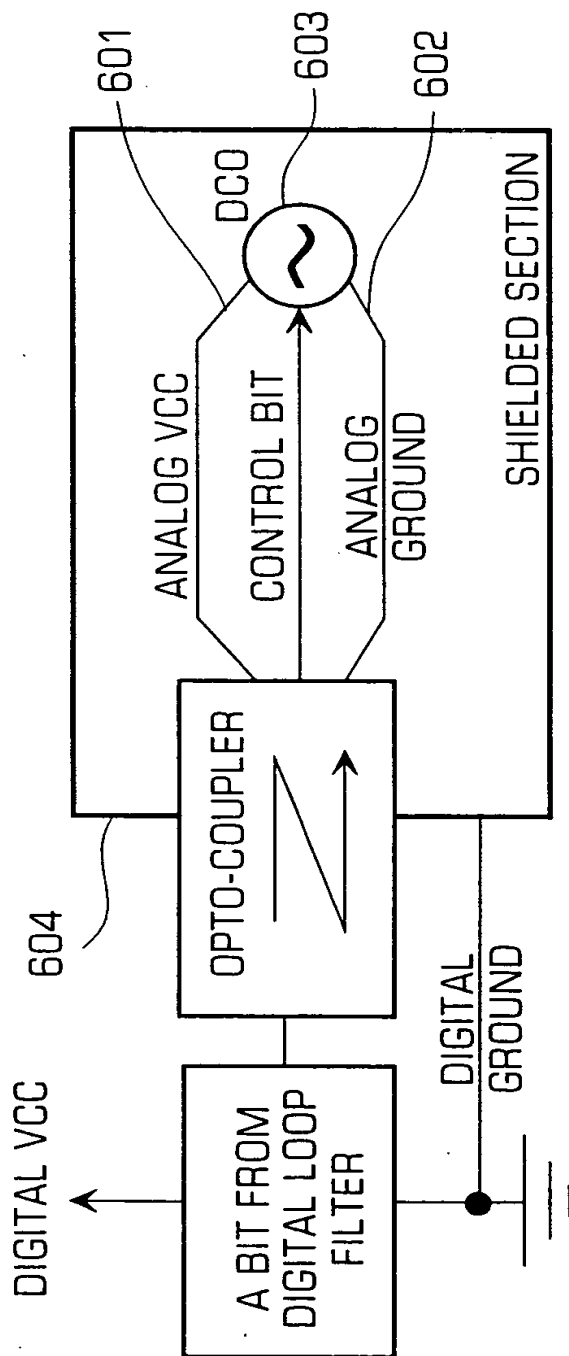


FIGURE 6

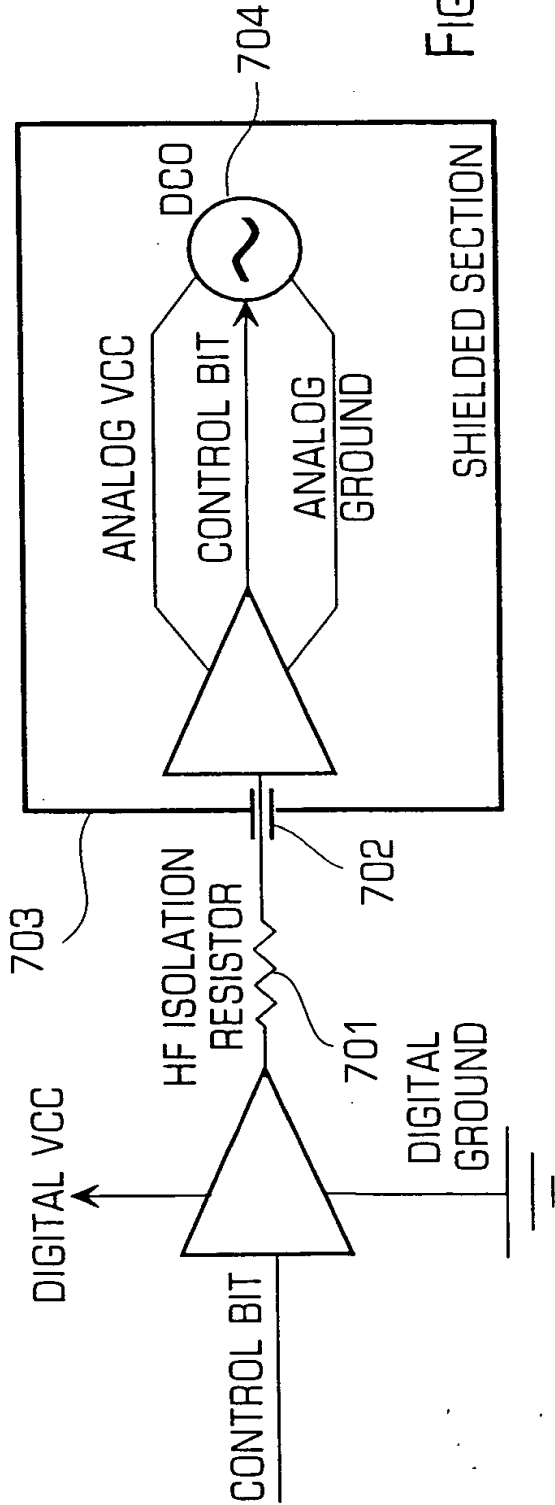


FIGURE 7A

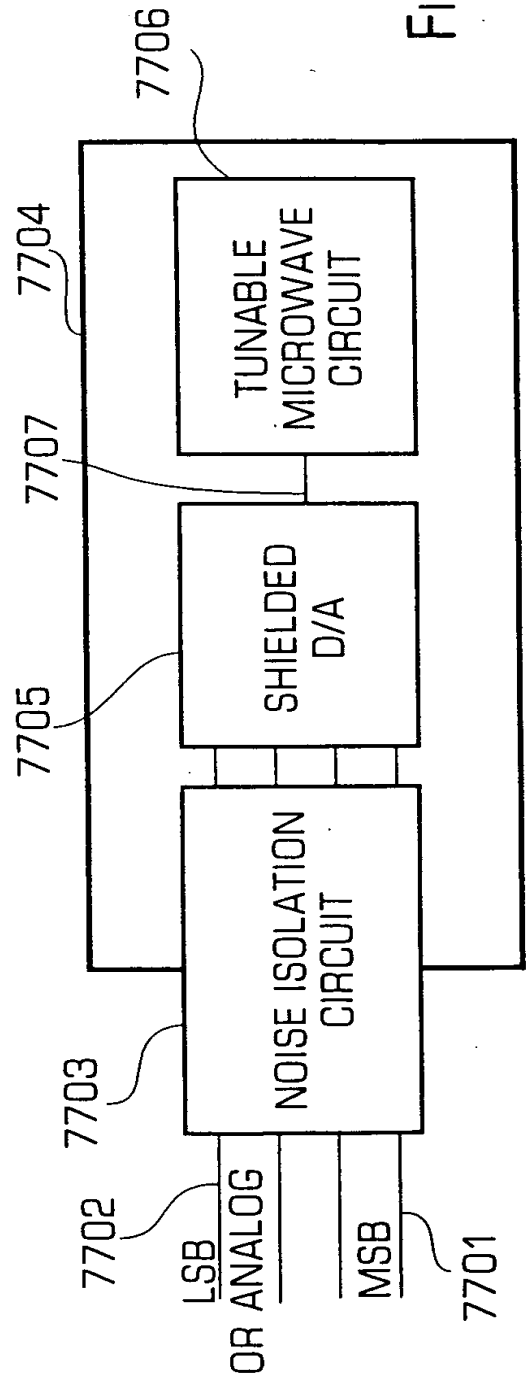


FIGURE 7B



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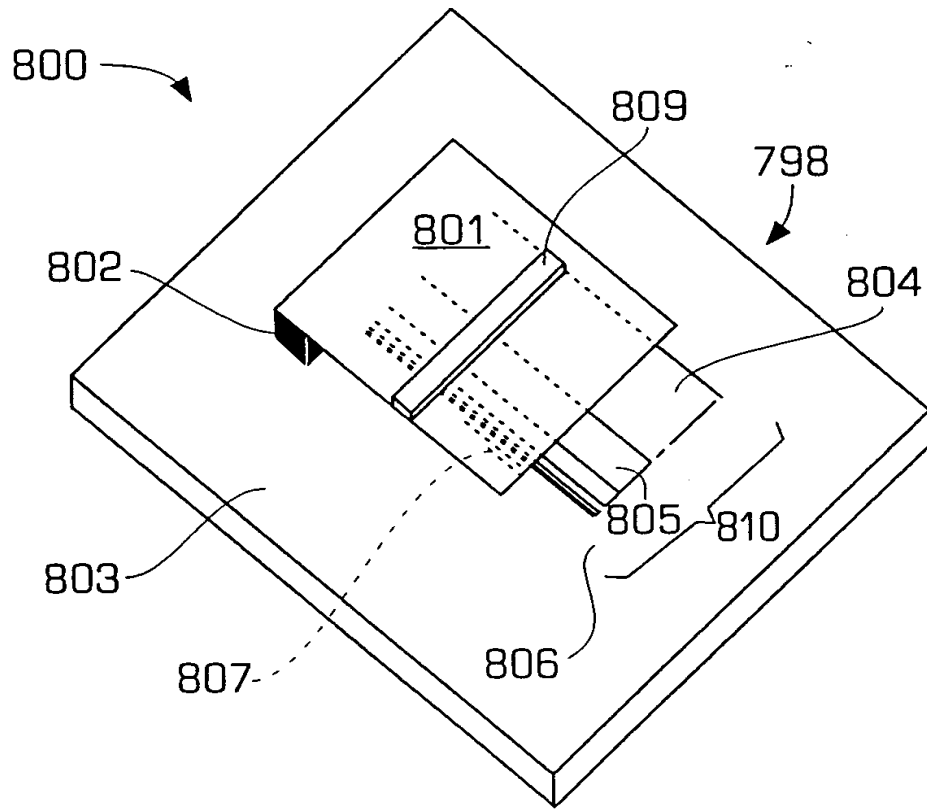


FIGURE 8

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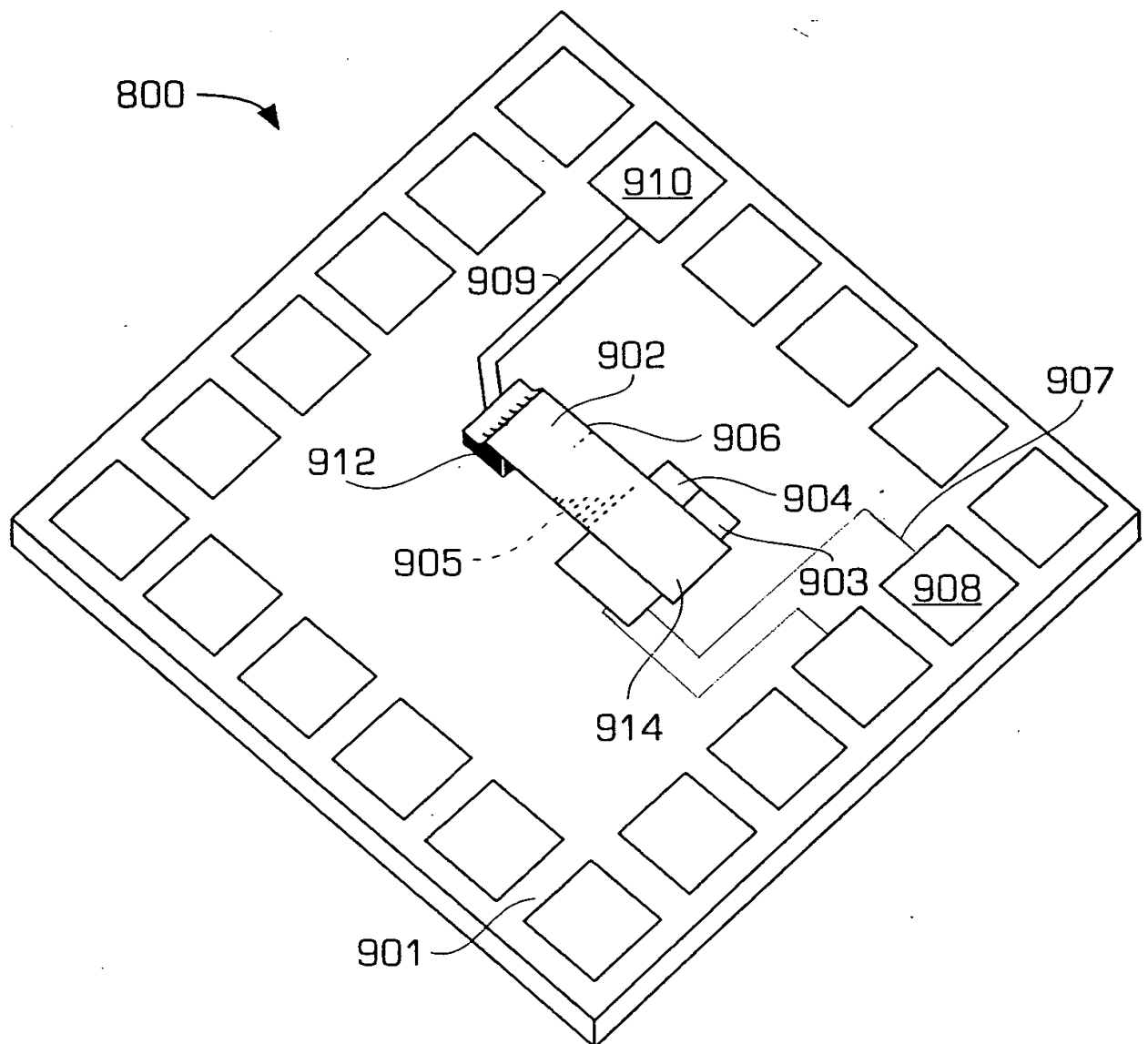
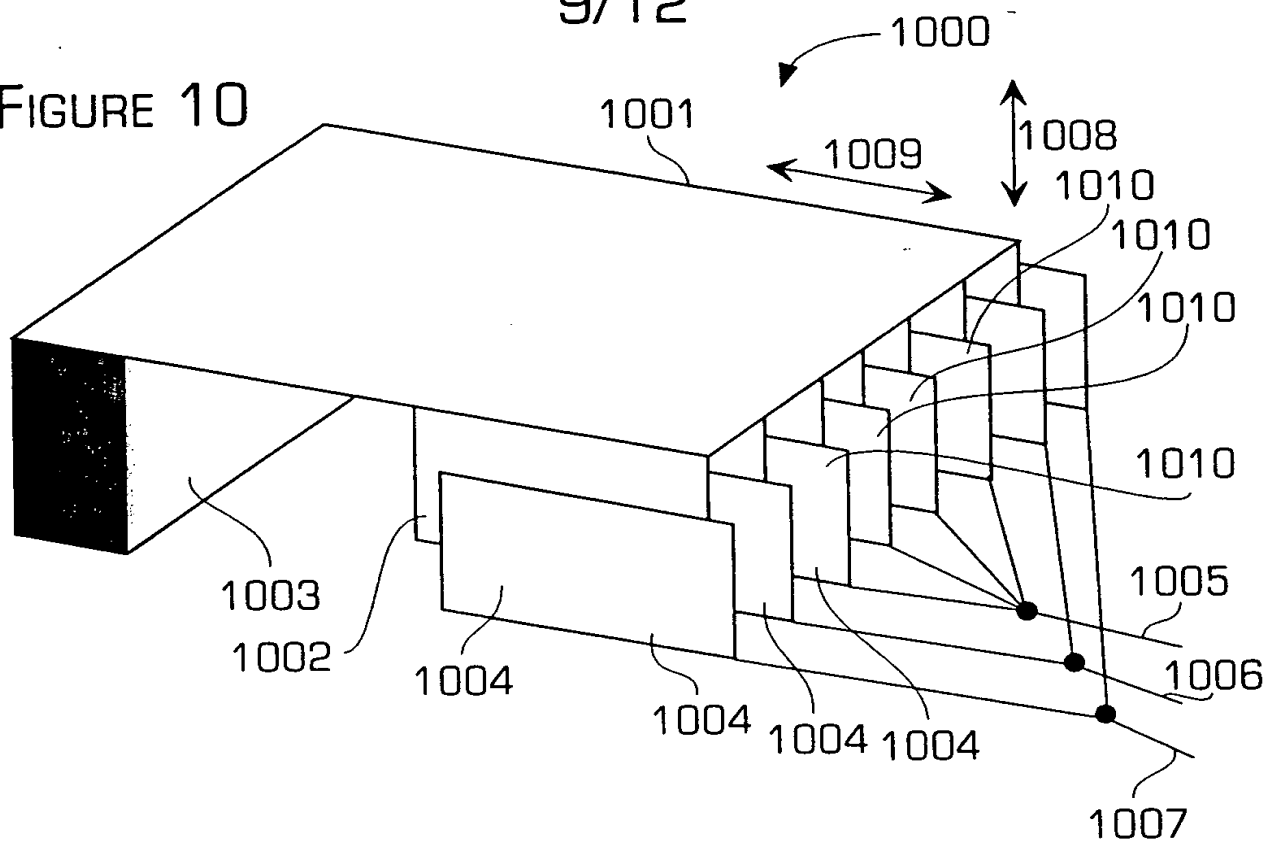


FIGURE 9

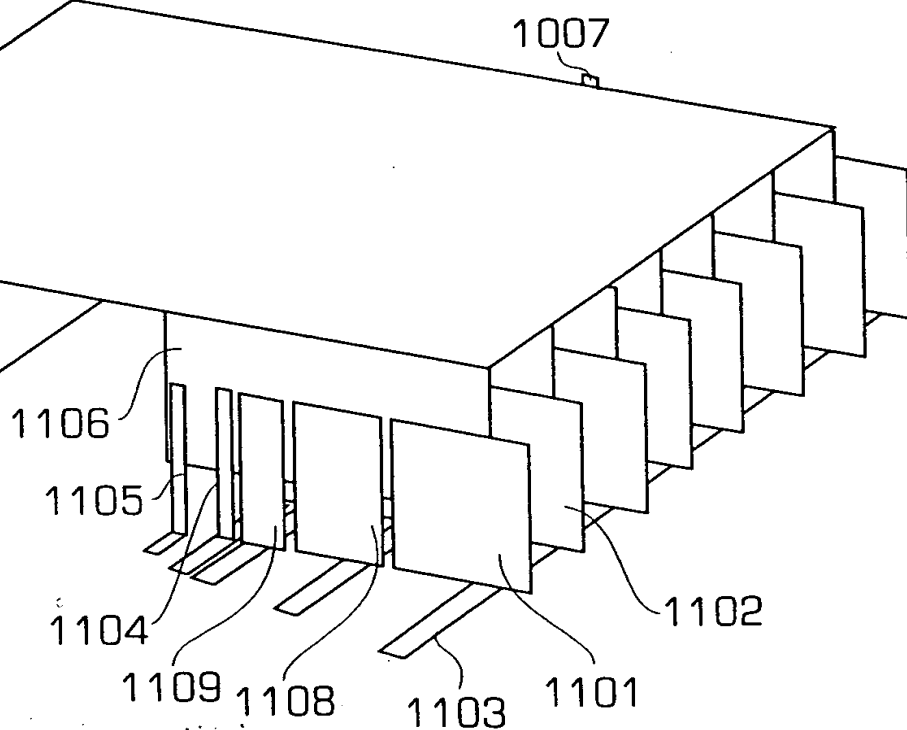
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FIGURE 10



1100

FIGURE 11





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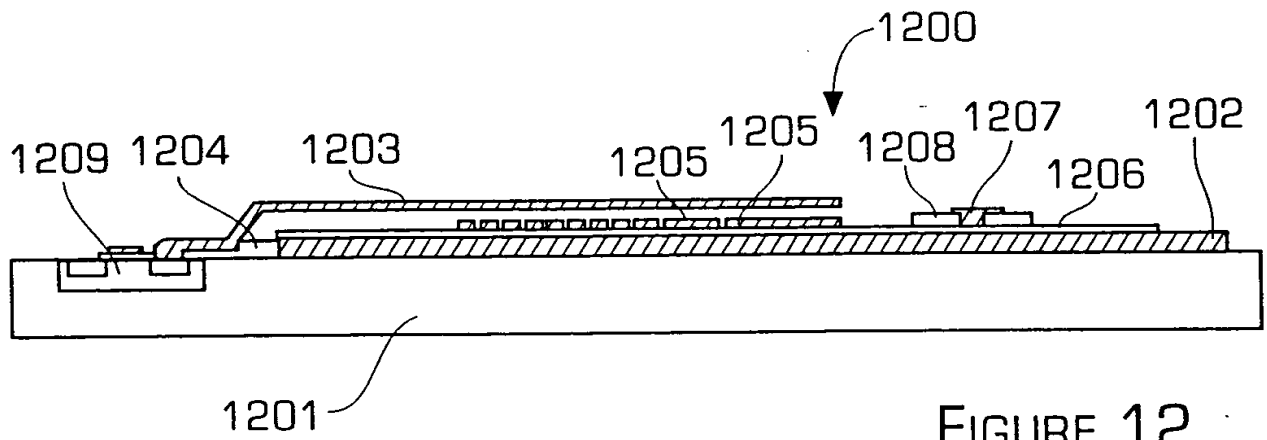


FIGURE 12

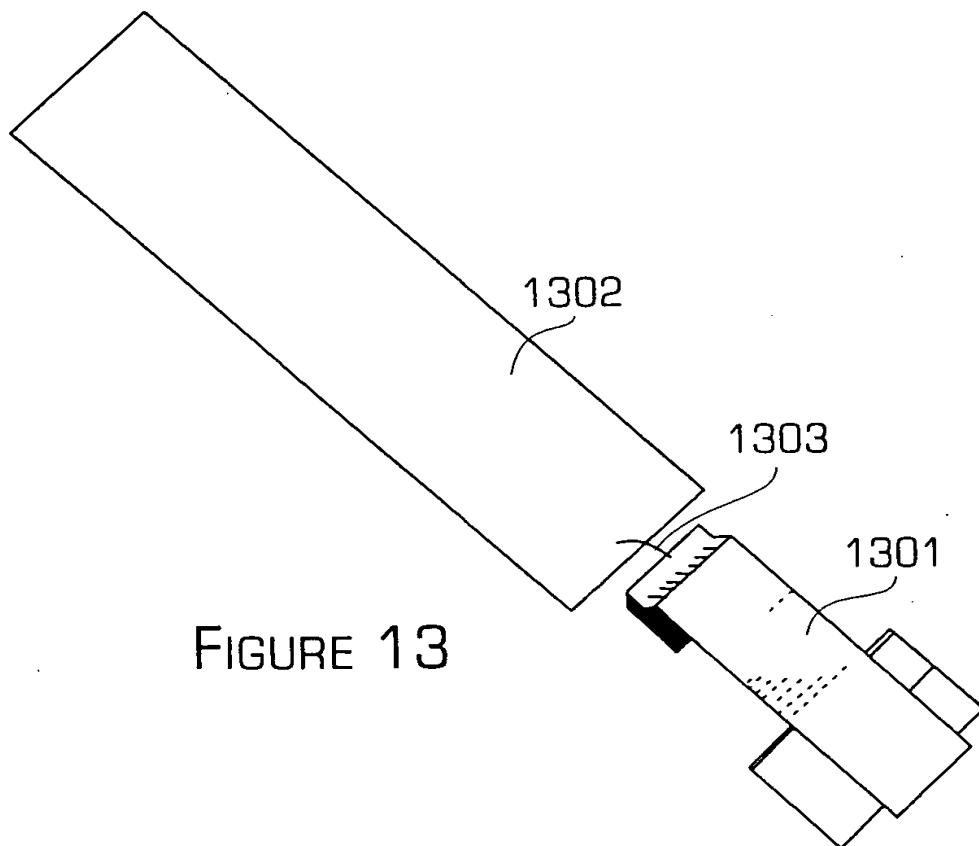


FIGURE 13

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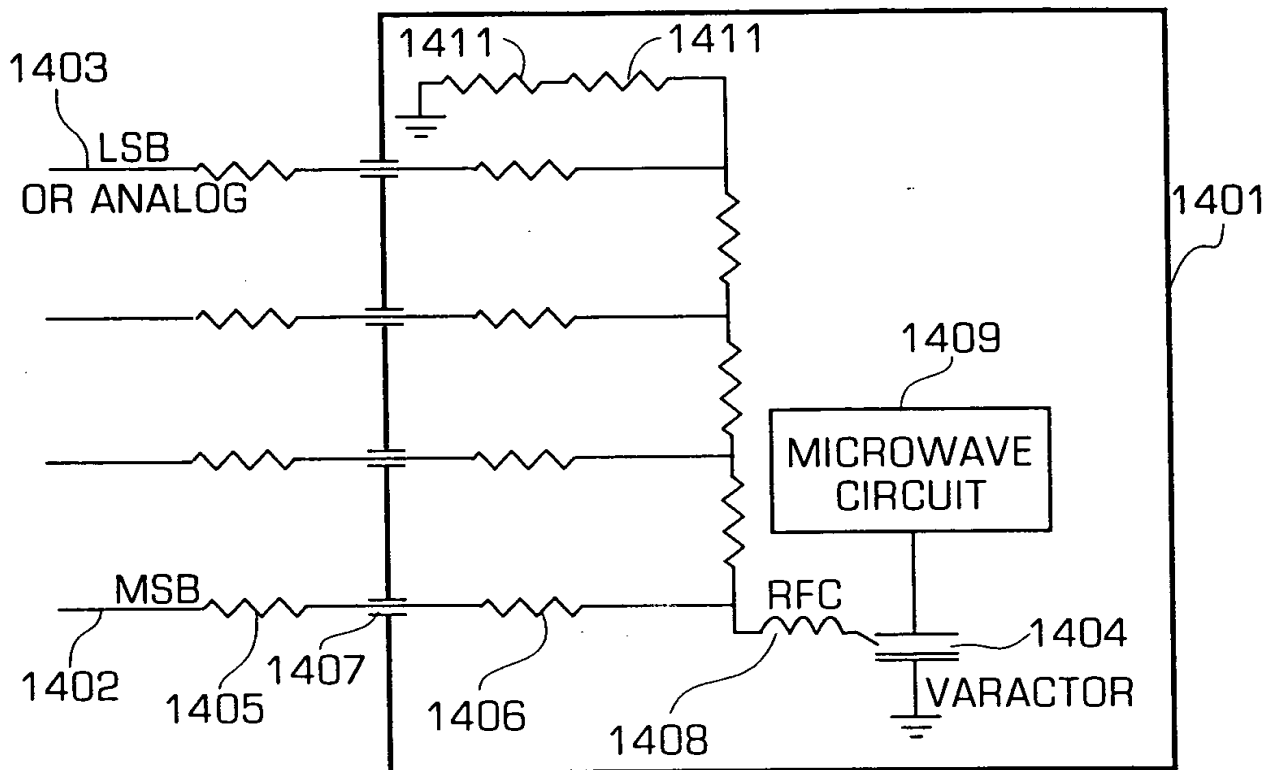


FIGURE 14

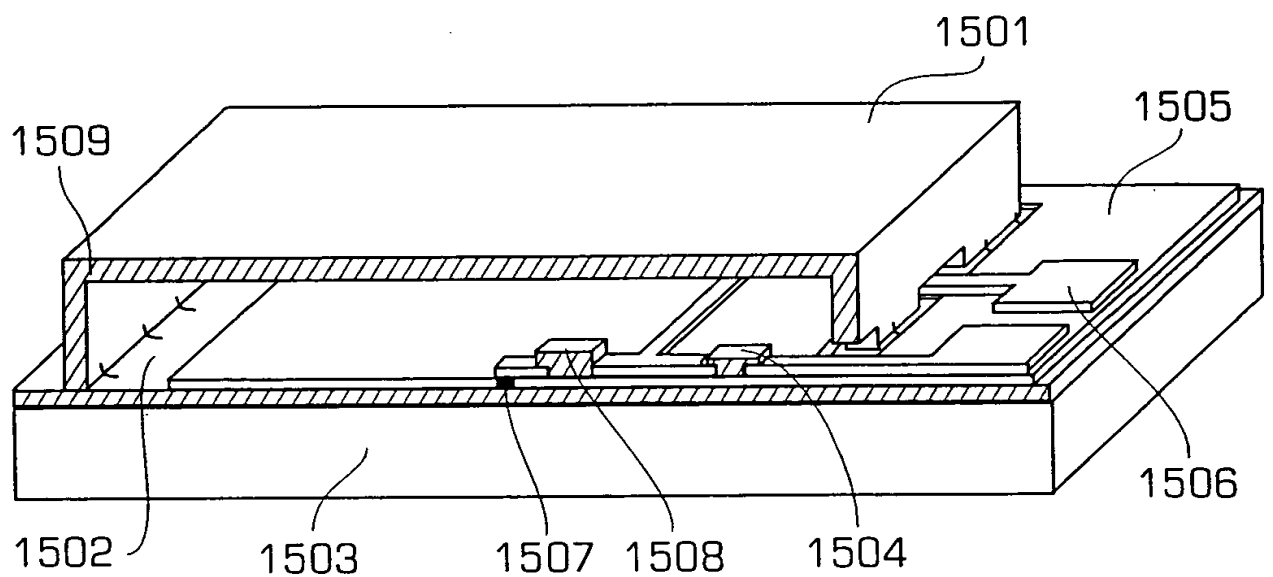


FIGURE 15

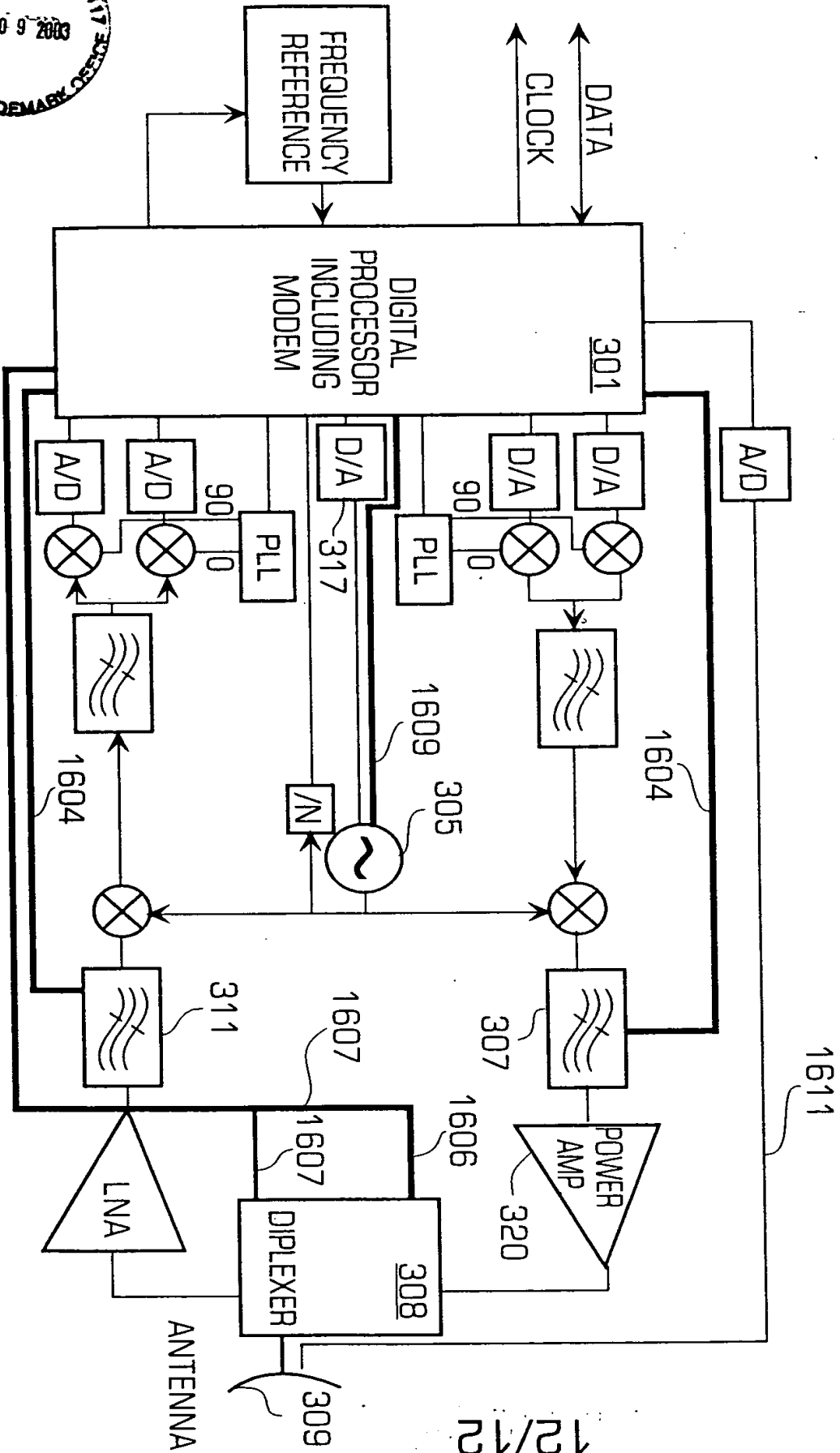


FIGURE 16